



App No.: 10/071,894

DOI: 10.1002/1097-4644(200209)24:10<1000::AID-JCEB1000>3.0.CO;2-1

Title: Glyoxylate Cycle Enzymes As Targets...

Inventors: Michael C. Lorenz, *et al.*

Figure 1A

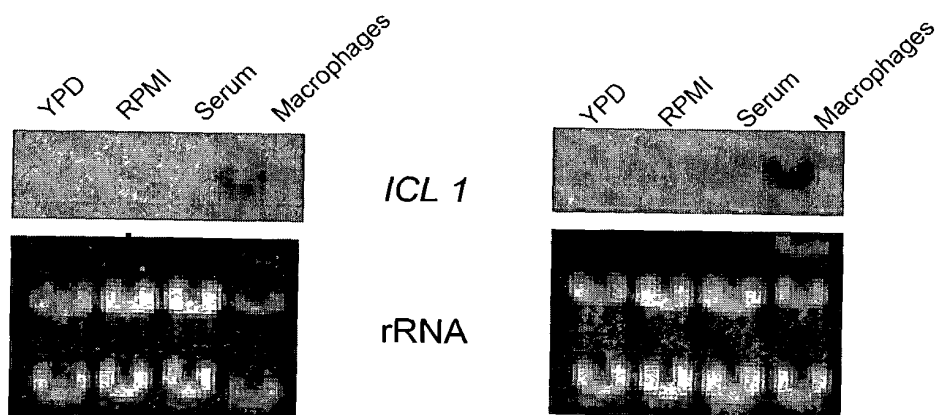
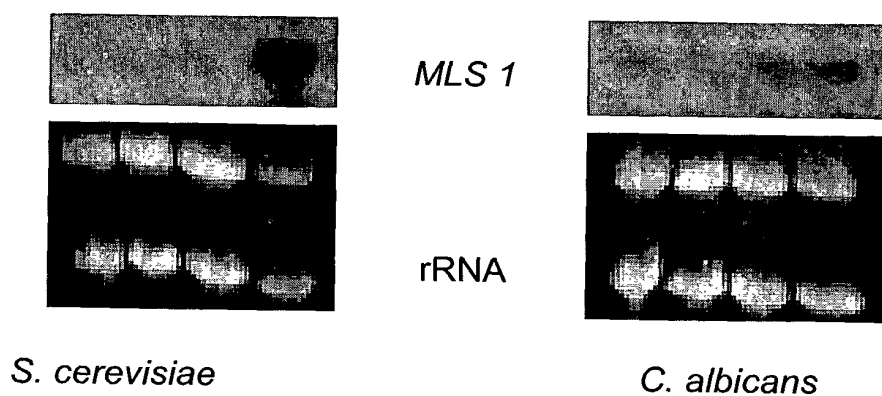
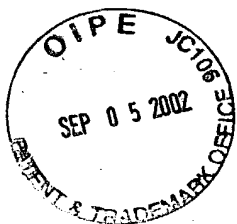


Figure 1B





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Figure 2

A

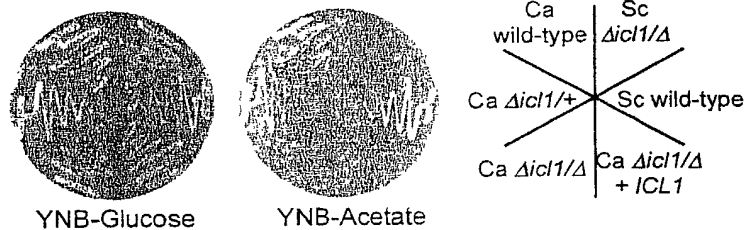
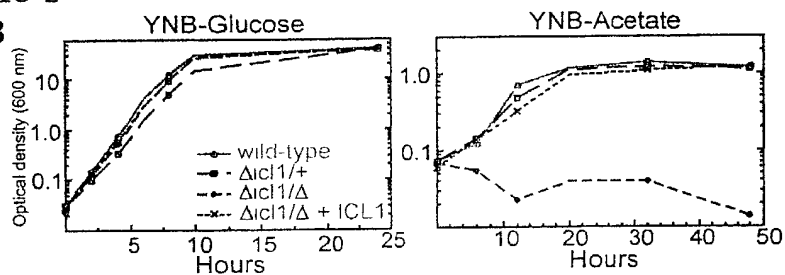


Figure 2

B





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Figure 3

A

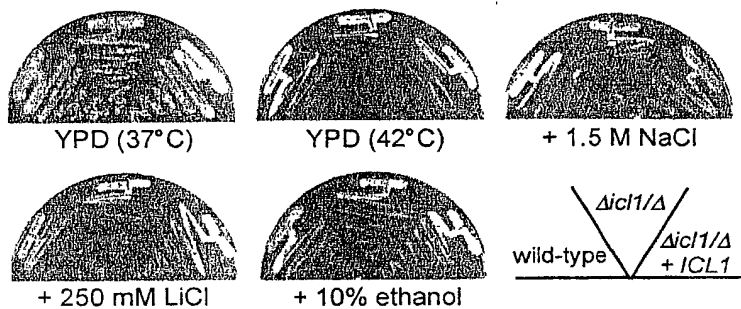


Figure 3

B

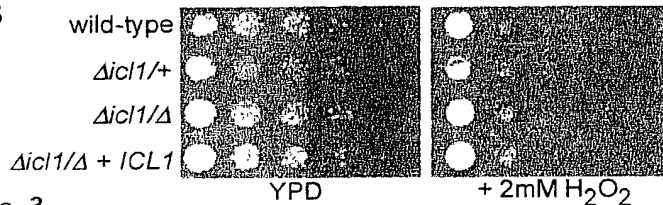
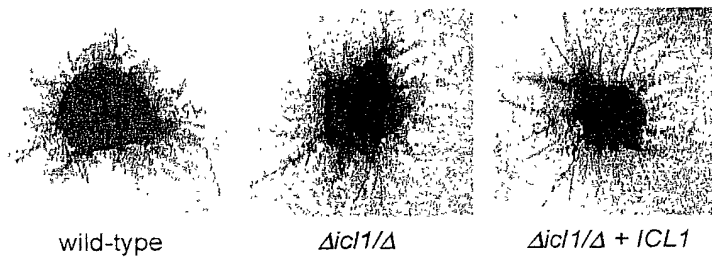


Figure 3

C





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### Isocitrate lyase mutations attenuate virulence in *C. albicans*

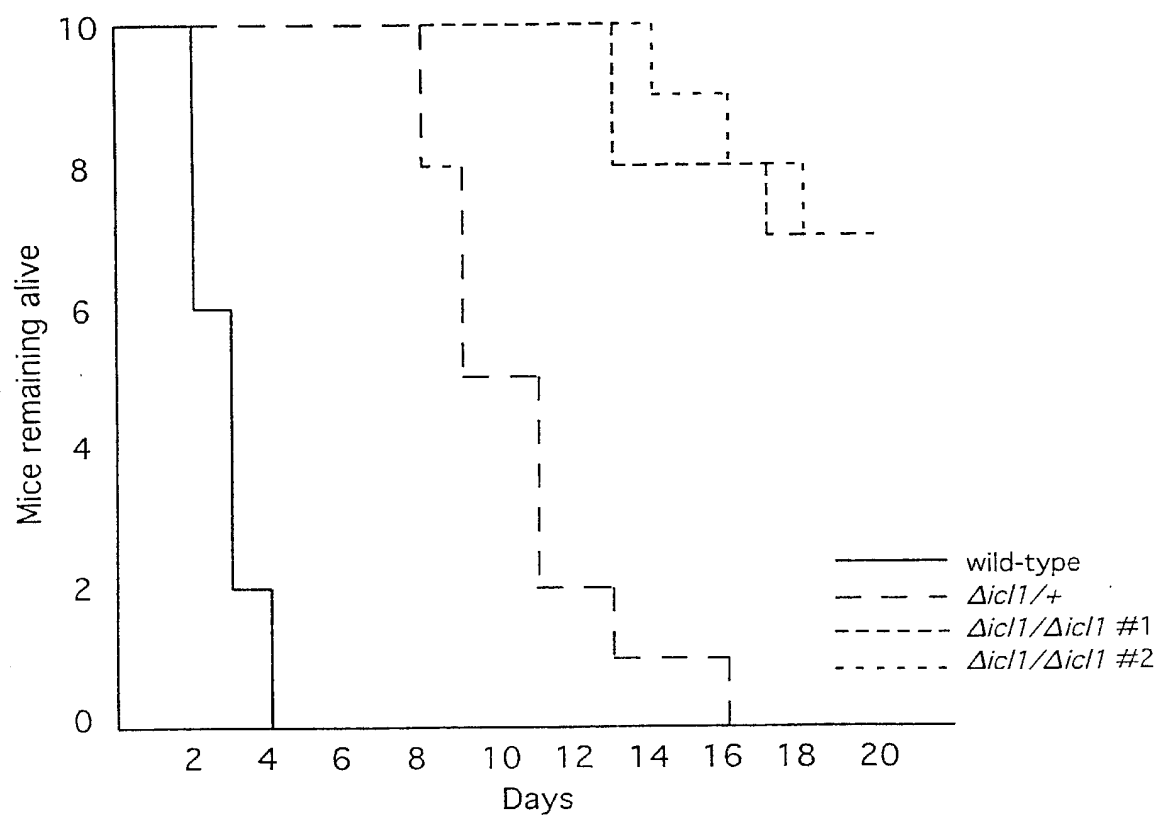


Figure 4

Isocitrate lyase alignment



Figure 5



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2007-10-05 10:00:00

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The regulation of *ICL1* is similar in both *S. cerevisiae* and *C. albicans*

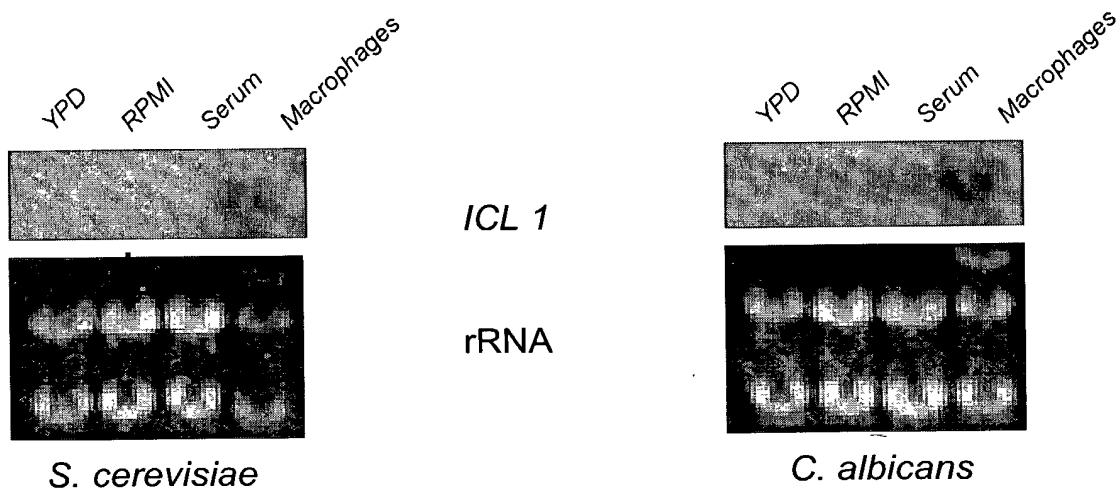


Figure 6

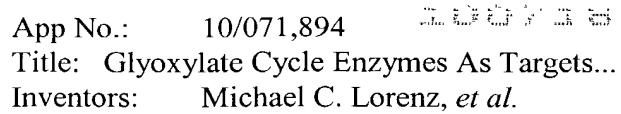
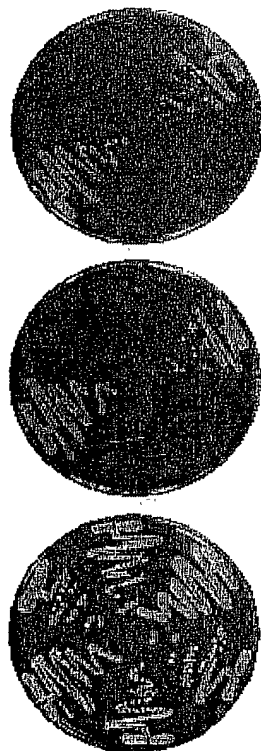


Diagram illustrating a genetic cross between two wild-type flies. The parents are wild-type ( $\Delta mIs1/\Delta mIs1$ ) and wild-type ( $\Delta ic1/\Delta ic1$ ). The F1 generation consists of wild-type ( $\Delta mIs1/\Delta ic1$ ) and wild-type ( $\Delta ic1/\Delta mIs1$ ). The F2 generation shows four phenotypes: wild-type ( $\Delta mIs1/\Delta mIs1$ ), wild-type ( $\Delta ic1/\Delta ic1$ ), wild-type ( $\Delta mIs1/\Delta ic1$ ), and wild-type ( $\Delta ic1/\Delta mIs1$ ).

*S. cerevisiae*



YNB-2% Acetate

YNB-2% Glucose

## FIGURE 7

# C. albicans glyoxylate mutants: Growth rates

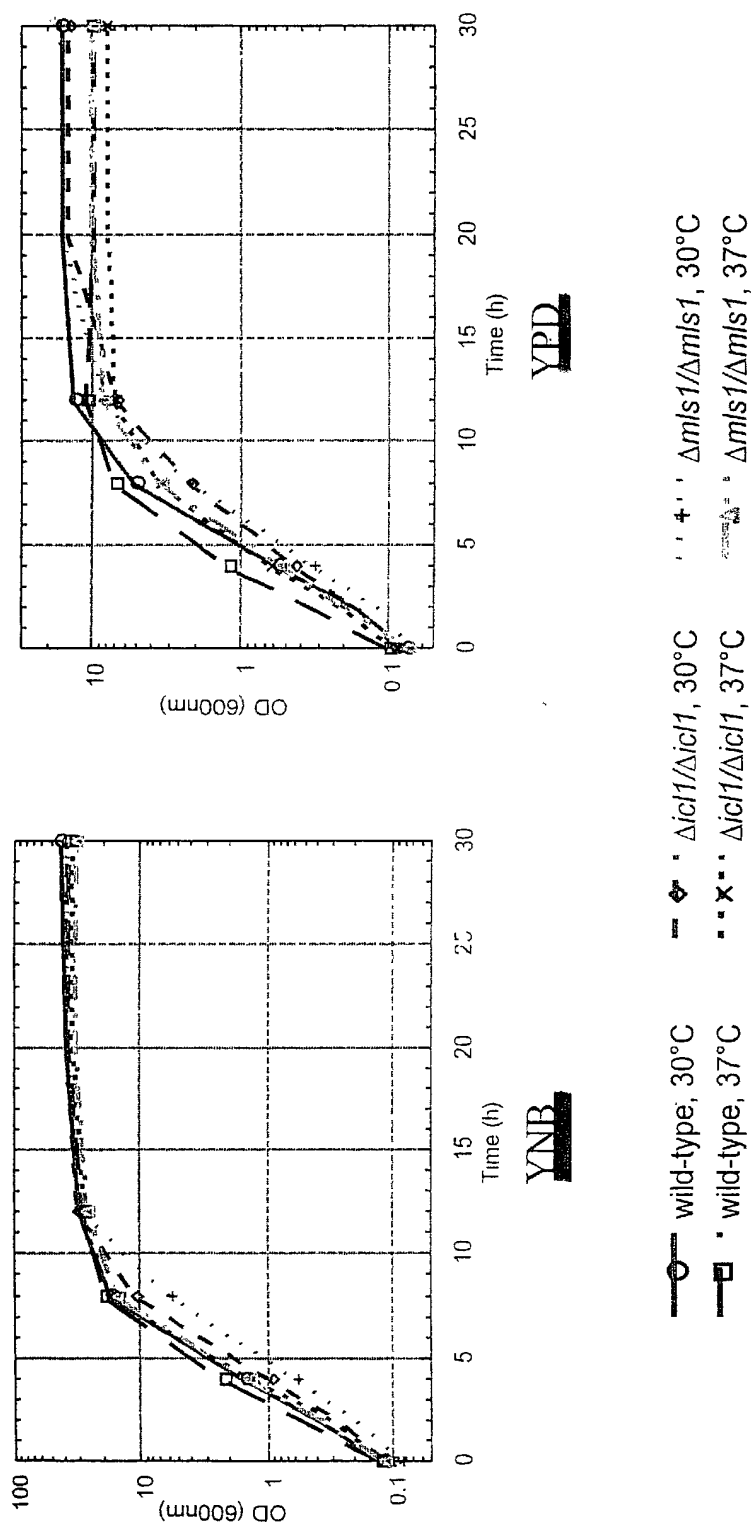


Figure 8

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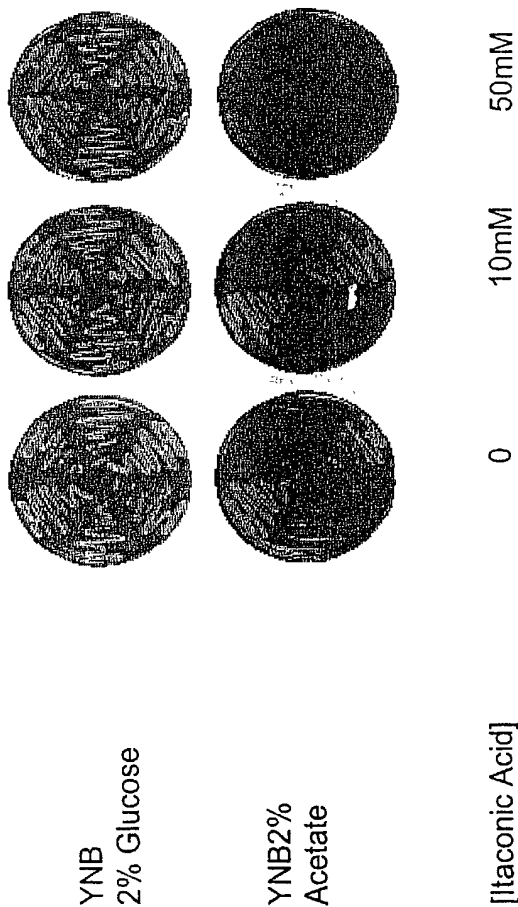
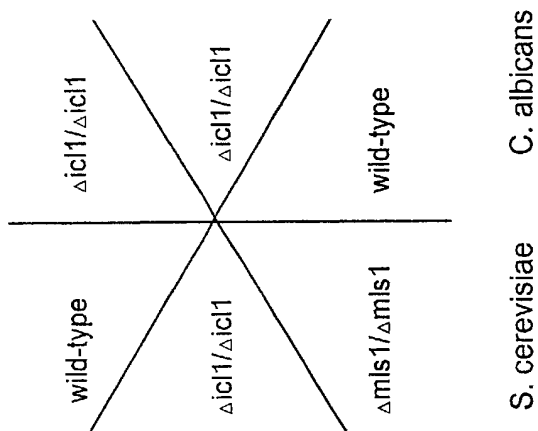


FIGURE 9